

**From:** Dana Dean  
**To:** Miller, Vicky  
**Date:** 9/26/03 12:43PM  
**Subject:** Re: 2nd and 3rd Quarter Water Data

Vicky,

I have uploaded the information for Soldier and Dugout Canyons. A report is attached.

Please let me know if you have any questions.

Thanks,

Dana Dean, P.E.  
Senior Reclamation Hydrologist  
(801) 538-5320  
danadean@utah.gov

>>> "Miller, Vicky" <VMiller@archcoal.com> 09/25/03 01:09PM >>>  
Dear Pam,

The water data for the 2nd Quarter of 2003 for the Dugout Canyon and Soldier Canyon Mines is ready to be loaded into the UDOGM Water Monitoring Database. In addition, a portion of the 3rd Quarter data for the Dugout Canyon Mine and all of the data for the Soldier Canyon Mine is ready to be loaded into the database. Should you have any questions, please call me at (435) 636-2869.

Thank you, Vicky Miller  
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**CC:** Angela Nance; Gregg Galecki; Pete Hess

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OFFICIAL UPLOAD REPORT

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**OWNER: CANYON FUEL CO., LLC**  
**MINE: SOLDIER CANYON**

**SITE TYPE: Stream**

SITE: G-5  
 Laboratory: ACZ L41852-01 Period:OPER  
 Sample Date: 06/26/2003 Time: 08:40 Reported: 07/17/2003 Received: 07/01/2003

Laboratory: ACZ L42141-06 Period:OPER  
 Sample Date: 07/18/2003 Time: 08:55 Reported: 08/07/2003 Received: 07/22/2003

SITE: G-6  
 Laboratory: ACZ L41852-02 Period:OPER  
 Sample Date: 06/26/2003 Time: 13:15 Reported: 07/17/2003 Received: 07/01/2003

Laboratory: ACZ L42141-07 Period:OPER  
 Sample Date: 07/18/2003 Time: 08:40 Reported: 08/07/2003 Received: 07/22/2003

**MINE: DUGOUT CANYON**

**SITE TYPE: Other: in mine, roof drippers**

SITE: MD-1  
 Laboratory: ACZ L41852-12 Period:OPER  
 Sample Date: 06/26/2003 Time: 07:20 Reported: 07/17/2003 Received: 07/01/2003

Laboratory: ACZ L42141-02 Period:OPER  
 Sample Date: 07/18/2003 Time: 07:55 Reported: 08/07/2003 Received: 07/22/2003

**SITE TYPE: Spring**

SITE: 200  
 NO FLOW Date: 06/10/2003 Time: 15:15  
 NO FLOW Date: 08/14/2003 Time: 11:50

SITE: 203  
 Laboratory: ACZ L41852-08 Period:OPER  
 Sample Date: 06/26/2003 Time: 13:35 Reported: 07/17/2003 Received: 07/01/2003  
 Laboratory: ACZ L42539-04 Period:OPER  
 Sample Date: 08/14/2003 Time: 11:30 Reported: 09/01/2003 Received: 08/19/2003

SITE: 227  
 NO FLOW Date: 06/10/2003 Time: 16:00  
 NO FLOW Date: 08/14/2003 Time: 10:45

SITE: 259  
 NO FLOW Date: 06/26/2003 Time: 16:30  
 NO FLOW Date: 08/14/2003 Time: 11:10

SITE: 260  
 Laboratory: ACZ L41852-07 Period:OPER  
 Sample Date: 06/26/2003 Time: 14:40 Reported: 07/17/2003 Received: 07/01/2003

SITE: SC-100  
 NO FLOW Date: 06/26/2003 Time: 11:35  
 NO FLOW Date: 08/14/2003 Time: 00:00  
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SITE: SC-116

Laboratory: ACZ L41852-09 Period:OPER  
Sample Date: 06/26/2003 Time: 17:40 Reported: 07/17/2003 Received: 07/01/2003

SITE: SC-14

Laboratory: ACZ L41852-10 Period:OPER  
Sample Date: 06/26/2003 Time: 10:30 Reported: 07/17/2003 Received: 07/01/2003

Laboratory: ACZ L42539-01 Period:OPER  
Sample Date: 08/14/2003 Time: 13:55 Reported: 09/01/2003 Received: 08/19/2003

SITE: SC-65

Laboratory: ACZ L41852-13 Period:OPER  
Sample Date: 06/26/2003 Time: 12:15 Reported: 07/17/2003 Received: 07/01/2003

Laboratory: ACZ L42539-05 Period:OPER  
Sample Date: 08/14/2003 Time: 13:00 Reported: 09/01/2003 Received: 08/19/2003

SITE: SP-20

Laboratory: ACZ L41852-11 Period:OPER  
Sample Date: 06/26/2003 Time: 11:15 Reported: 07/17/2003 Received: 07/01/2003

Laboratory: ACZ L42539-02 Period:OPER  
Sample Date: 08/14/2003 Time: 14:30 Reported: 09/01/2003 Received: 08/19/2003

**SITE TYPE: Stream**

SITE: DC-1

Laboratory: ACZ L41003-01 Period:OPER  
Sample Date: 04/23/2003 Time: 13:40 Reported: 05/08/2003 Received: 04/25/2003

Laboratory: ACZ L42141-03 Period:OPER  
Sample Date: 07/18/2003 Time: 07:45 Reported: 08/07/2003 Received: 07/22/2003

SITE: DC-2

Laboratory: ACZ L41003-02 Period:OPER  
Sample Date: 04/23/2003 Time: 13:20 Reported: 05/08/2003 Received: 04/25/2003

Laboratory: ACZ L42141-04 Period:OPER  
Sample Date: 07/18/2003 Time: 07:20 Reported: 08/07/2003 Received: 07/22/2003

SITE: DC-3

Laboratory: ACZ L41003-03 Period:OPER  
Sample Date: 04/23/2003 Time: 13:30 Reported: 05/08/2003 Received: 04/25/2003

Laboratory: ACZ L42141-05 Period:OPER  
Sample Date: 07/18/2003 Time: 07:30 Reported: 08/07/2003 Received: 07/22/2003

SITE: PC-1A

Laboratory: ACZ L41852-03 Period:OPER  
Sample Date: 06/26/2003 Time: 13:45 Reported: 07/17/2003 Received: 07/01/2003

SITE: PC-2

Laboratory: ACZ L41852-04 Period:OPER  
Sample Date: 06/26/2003 Time: 13:20 Reported: 07/17/2003 Received: 07/01/2003

NO FLOW Date: 08/14/2003 Time: 10:00

SITE: RC-1

NO FLOW Date: 06/26/2003 Time: 12:40

NO FLOW Date: 08/14/2003 Time: 10:20

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SITE: SS-1  
NO FLOW Date: 06/24/2003 Time: 11:30  
  
NO FLOW Date: 09/01/2003 Time: 11:00  
Comments: Checked weekly

SITE: SS-2  
NO FLOW Date: 06/24/2003 Time: 11:10  
  
NO FLOW Date: 09/01/2003 Time: 11:15  
Comments: Checked weekly

**SITE TYPE: Well**

SITE: DH-1  
Laboratory: ACZ L41852-14 Period:OPER  
Sample Date: 06/27/2003 Time: 16:30 Reported: 07/17/2003 Received: 07/01/2003

Laboratory: FLD 20030916-1 Period:OPER  
Sample Date: 09/16/2003 Time: 08:30 Reported: Received:

SITE: DH-2  
Laboratory: FLD 20030627-2 Period:OPER  
Sample Date: 06/27/2003 Time: 00:50 Reported: Received:

Laboratory: FLD 20030916-2 Period:OPER  
Sample Date: 09/16/2003 Time: 14:30 Reported: Received:

SITE: DH-3  
Laboratory: FLD 20030627-3 Period:OPER  
Sample Date: 06/27/2003 Time: 08:05 Reported: Received:

Laboratory: FLD 20030916-3 Period:OPER  
Sample Date: 09/16/2003 Time: 14:10 Reported: Received:

SITE: GW-10-2  
Laboratory: FLD 20030626-7 Period:OPER  
Sample Date: 06/26/2003 Time: 00:30 Reported: Received:

Laboratory: FLD 20030919-1 Period:OPER  
Sample Date: 09/19/2003 Time: 16:30 Reported: Received:

SITE: GW-11-2  
Laboratory: FLD 20030627-1 Period:OPER  
Sample Date: 06/27/2003 Time: 11:30 Reported: Received:

Laboratory: FLD 20030918-1 Period:OPER  
Sample Date: 09/18/2003 Time: 12:00 Reported: Received:

SITE: GW-24-1  
Laboratory: FLD 20030626-8 Period:OPER  
Sample Date: 06/26/2003 Time: 12:20 Reported: Received:  
Comments: Access Blocked inside casing

Laboratory: FLD 20030814-1 Period:OPER  
Sample Date: 08/14/2003 Time: 08:00 Reported: Received:  
Comments: Casing blocked